

Express Mail No. EV 339985729 US

PTO/SB/08A (08-00)

Please Type a plus sign (+) Inside this box → +

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO O P INFORMATION DISCLOSURE STATEMENT BY APPLICANT JUN 12 2003 (use as many sheets as necessary)		Complete if Known	
		Application Number	09/682,863
		Filing Date	October 25, 2001
		First Named Inventor	Donald Thomas McGrath
		Group Art Unit	2817
		Examiner Name	Shingleton, Michael B.
Sheet	of 1	Attorney Docket Number	RD-27645

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
me	AA	4,912,423		Milkovic et al.	Mar. 27, 1990
	AB	5,286,985		Taddiken	Feb. 15, 1994
	AC	5,378,642		Brown et al.	Jan. 3, 1995
	AD	5,385,855		Brown et al.	Jan. 31, 1995
	AE	5,510,632		Brown et al.	Apr. 23, 1996
	AF	5,963,791		Brown et al.	Oct. 5, 1999
	AG	6,191,458		Brown et al.	Feb. 20, 2001
me	AH	6,198,114		Blanchard	Mar. 6, 2001
	AI				
	AJ				
	AK				
	AL				
	AM				
	AN				
	AO				
	AP				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office ³	Number ⁴		
FA					
FB					
FC					
FD					
FE					
FF					

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.			Date Considered: ²

Examiner Signature	SHINGLETON	Date Considered:	11-17-03
--------------------	------------	------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a checkmark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.